

Electronic Version 1.1.0 Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

**TOTAL FEES AUTHORIZED: \$780** 

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number:

50-0563

**Deposit Account Name:** 

**IBM** Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name:

Scott W Reid

**Electronic Signature Mark:** 

Scott W Reid /swr/

Date Signed:

20020628

### **BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid	
Utility Filing Fee	101	\$ 740	

Subtotal For Basic Filing Fee: \$ 740

# **EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid	
Total Claims: 20	103	\$ 18	0	\$ 0	
Independent Claims: 3	102	\$ 84	0	\$ 0	

APP-ID=10064289 PAGE 1 of 2



Subtotal For Extra Claims Fees: \$ 0

## **ADDITIONAL FEES**

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40



# Electronic Filing System (EFS) Data Electronic Patent Application Submission

# **USPTO Use Only**

EFS ID:

16140

Application ID:

10064289

PRODUCT ORDER OPTIMIZATION

Title of Invention:

IN REAL TIME BASED ON

COMPONENT INFORMATION

First Named Inventor:

**CHARLES KUHLMANN** 

Domestic/Foreign Application:

**Domestic Application** 

Filing Date:

null

Effective Receipt Date:

2002-06-28

Utility Patent Filing

Filing Type:

Submission Type:

new-utility

**Confirmation Number:** 

0

Attorney Docket Number:

RAL920010029

cn=Scott Warner Reid, ou=Registered Attorneys, ou=Patent and

Digital Certificate Holder:

Trademark Office, ou=Department of Commerce, o=U.S.

Government, c=US

Certificate Message Digest:

wK+uiT6sxXIMAuOaJN+W/w==

Total Fees Authorized:

\$780.0

Payment Category:

**DA - Deposit Account** 

**Deposit Account Number:** 

500563

Deposit Account Name:

Scott W Reid



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility

**Patent Filing** 

**Attorney Docket** 

Number:

RAL920010029

# PRODUCT ORDER OPTIMIZATION IN REAL TIME BASED ON COMPONENT INFORMATION

First Named Inventor: CHARLES EDWARD KUHLMANN

SUBMITTED BY

Name:

SCOTT W REID

Registration Number:

42098

Electronic Signature Mark: SCOTT W

REID /SWR/

Date Signed: 20020628

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration

RAL920010029DECPG1.tif

declaration

RAL920010029DECPG2.tif

APP-ID=10064289 PAGE 1 of 7

# 

declaration declaration

bibd-transmittal

patent-assignments

fee-transmittal

specification

Attached Image File(s):

RAL920010029DECPG1.tif

RAL920010029DECPG2.tif

RAL920010029DECPG3.tif

RAL920010029DECPG4.tif

RAL920010029DECPG3.tif

RAL920010029DECPG4.tif

RAL920010029US1apds.xml

RAL920010029US1asgn.xml

RAL920010029US1fee.xml

RAL920010029.xml



PLEASE RECORD ATTORNEY DOCKET NUMBER AS RAL920010029US1

APP-ID=10064289 PAGE 3 of 7